

## ALLIANCE FOR TELECOMMUNICATIONS INDUSTRY SOLUTIONS

### PATENT HOLDER STATEMENT

Please return via mail, email (scanned with signature), or fax to:

General Counsel

ATIS

1200 G Street, N.W., Suite 500

Washington, D.C. 20005 USA

Fax: +1 (888) 874-0973

Email: [patents@atis.org](mailto:patents@atis.org)

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Neither ATIS nor any of its Forums or Committees shall be responsible for and expressly take no position concerning the information reflected in the form, or as respects the validity, enforceability or scope of any patented invention referenced in or identified in the form, or concerning the relevance or applicability of any such patented invention to an ATIS-developed American National Standard or other ATIS deliverable.

The use of this form, or its submission to ATIS, is not and shall not be construed as the grant of a license in connection with any patented inventions identified. Nor shall this form or its use create or imply any obligation by the holder of a patented invention to conduct a patent search. To the extent that a license may be sought from the holder of the patented invention identified in this form, the discussion and negotiation of all license terms shall occur directly between the holder of the patented invention and each prospective licensee outside the deliberations of ATIS and its Forums and Committees.

No discussion or negotiation of license terms is permitted in any Forum or Committee. For further information regarding the licensing of any patented inventions identified in this Statement, please contact the person identified in Section B.

#### A. PARTY SUBMITTING THE STATEMENT

Legal Name (e.g. XYZ Corp.):

AT&T Intellectual Property II, LP

#### B. CONTACT FOR LICENSING INFORMATION

Contact Name:	Joseph M. Sommer	Title:	Assistant Vice President - Patent Licensing
Department:	AT&T Intellectual Property		
Telephone:	908-234-5211	Fax:	908-234-8130
Email:	js1893@att.com		

### C. ATIS-DEVELOPED AMERICAN NATIONAL STANDARD OR OTHER ATIS DELIVERABLE

Please complete a separate Patent Holder Statement for each standard/deliverable.

ATIS Forum/Committee:	Wireless Technologies and Systems Committee (WTSC) - Radio Access Networks
ATIS Document Number:	TS 36.201, TS 36.211
Title:	System And Method For Optimizing Spectral Efficiency Using Time-Frequency-Code Slicing
Other tracking identifiers*, if appropriate:	6,018,528

\*Note: If the standard/deliverable information is not available, please provide available tracking identifiers (e.g., Committee and Issue number, working text number, contribution number).

### D. LICENSING ASSURANCE

In accordance with Section 10.4 of the ATIS Operating Procedures, the Party submitting this Statement hereby declares the following (*check box 1, 2a, 2b or 2c and either box 3a or 3b*):

- ☐ 1. The Party submitting this Statement does not hold or does not currently intend holding any invention the use of which would be required for compliance with the ATIS-developed American National Standard or other ATIS deliverable identified in Section C.
2. The Party submitting this Statement may hold a patent covering an invention the use of which may be required for compliance with the ATIS-developed American National Standard or other ATIS deliverable identified in Section C, and with respect to claim(s) of such patent(s), as may be specified more particularly in Section E, that are required for compliance with that ATIS-developed American National Standard or other ATIS deliverable (*check only one box*):
- ☐ a. An irrevocable license will be made available under reasonable terms and conditions that are demonstrably free of any unfair discrimination, without compensation, to applicants desiring to utilize the license for the purpose of implementing the American National Standard or other ATIS deliverable;
- Mark here ☐ if the Party submitting this Statement reserves the right to obtain compensation from applicants who are only willing to license, for compensation, their claim(s) of patents covering an invention, the use of which is required for compliance with the ATIS-developed American National Standard or other ATIS deliverable identified in Section C, on reasonable terms and conditions that are demonstrably free of any unfair discrimination.
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- or
- ☐ c. Is unwilling or unable to grant licenses according to the provisions of either 2a or 2b.

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ATIS Forum/Committee:	Wireless Technologies and Systems Committee (WTSC) - Radio Access Networks
ATIS Document Number:	TS 36.201, TS 36.211, TS 36.213
Title:	System And Method For Optimizing Spectral Efficiency Using Time-Frequency-Code Slicing
Other tracking identifiers*, if appropriate:	6,064,662

\*Note: If the standard/deliverable information is not available, please provide available tracking identifiers (e.g., Committee and Issue number, working text number, contribution number).

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Please complete a separate Patent Holder Statement for each standard/deliverable.

ATIS Forum/Committee:	Wireless Technologies and Systems Committee (WTSC) - Radio Access Networks
ATIS Document Number:	TS 36.300, TS 36.302, TS 36.211,
Title:	Method For Multitone Division Multiple Access Communications
Other tracking identifiers*, if appropriate:	6,072,769

\*Note: If the standard/deliverable information is not available, please provide available tracking identifiers (e.g., Committee and Issue number, working text number, contribution number).

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Please complete a separate Patent Holder Statement for each standard/deliverable.

ATIS Forum/Committee:	Wireless Technologies and Systems Committee (WTSC) - Radio Access Networks
ATIS Document Number:	TS 36.300, TS 36.211, TS 36.213
Title:	Method And Apparatus For Enhancing Communication Reception At A Wireless Communications Terminal
Other tracking identifiers*, if appropriate:	6,131,016

\*Note: If the standard/deliverable information is not available, please provide available tracking identifiers (e.g., Committee and Issue number, working text number, contribution number).

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Please complete a separate Patent Holder Statement for each standard/deliverable.

ATIS Forum/Committee:	Wireless Technologies and Systems Committee (WTSC) - Radio Access Networks
ATIS Document Number:	TS 36.300, TS 36.211,
Title:	Transmitter Diversity Technique For Wireless Communications
Other tracking identifiers*, if appropriate:	6,185,258

\*Note: If the standard/deliverable information is not available, please provide available tracking identifiers (e.g., Committee and Issue number, working text number, contribution number).

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Please complete a separate Patent Holder Statement for each standard/deliverable.

ATIS Forum/Committee:	Wireless Technologies and Systems Committee (WTSC) - Radio Access Networks
ATIS Document Number:	TS 36.211
Title:	Method And Apparatus For Data Transmission Using Multiple Transmit Antennas
Other tracking identifiers*, if appropriate:	6,889,355

\*Note: If the standard/deliverable information is not available, please provide available tracking identifiers (e.g., Committee and Issue number, working text number, contribution number).

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Please complete a separate Patent Holder Statement for each standard/deliverable.

ATIS Forum/Committee:	Wireless Technologies and Systems Committee (WTSC) - Radio Access Networks
ATIS Document Number:	TS 36.300, TS 36.211,
Title:	System And Method For Data Scrambling To Reduce The Crest Factor In An OFDM Waveform
Other tracking identifiers*, if appropriate:	7,539,172

\*Note: If the standard/deliverable information is not available, please provide available tracking identifiers (e.g., Committee and Issue number, working text number, contribution number).

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Please complete a separate Patent Holder Statement for each standard/deliverable.

ATIS Forum/Committee:	Wireless Technologies and Systems Committee (WTSC) - Radio Access Networks
ATIS Document Number:	TS 36.101, TS 36.211, TS 36.213,
Title:	Diversity Technique For Wireless Communications
Other tracking identifiers*, if appropriate:	8,355,475

\*Note: If the standard/deliverable information is not available, please provide available tracking identifiers (e.g., Committee and Issue number, working text number, contribution number).

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ATIS Forum/Committee:	Wireless Technologies and Systems Committee (WTSC) - Radio Access Networks
ATIS Document Number:	TS 36.300, TS 36.211
Title:	System and Method for Data Scrambling to Reduce Crest Factor in an OFDM Waveform
Other tracking identifiers*, if appropriate:	8,498,196

\*Note: If the standard/deliverable information is not available, please provide available tracking identifiers (e.g., Committee and Issue number, working text number, contribution number).

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- ☐ c. Is unwilling or unable to grant licenses according to the provisions of either 2a or 2b.

3. If the Party submitting this Statement has checked box 2a or 2b, please indicate whether (*check a or b below*):

- ☐ a. The license assurance is provided for any claim(s) of any patent(s) owned or controlled by the Party submitting this Statement, and which such Party has a right to license, covering an invention the use of which is required for compliance with the American National Standard or other ATIS deliverable identified in Section C, including the claim(s) of the patent(s) identified in Section E, if any; or
- ☐ b. The license assurance is provided only for the claim(s) of the patent(s) identified in Section E covering an invention the use of which is required for compliance with the American National Standard or other ATIS deliverable identified in Section C.

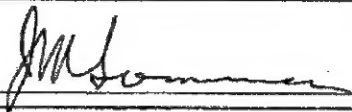
#### E. IDENTIFICATION OF PATENTS

(Completion of the following information is optional if D3a is selected. If D3b is selected, please provide the information indicated below for each patent or application. Attach additional sheets as necessary.)

Patent No. or Application No. (if pending)	Country	Status (Granted/ Pending)	Title	Relevance*
See attached sheet				
See attached sheet				
See attached sheet				
See attached sheet				
See attached sheet				

\* Note: A Party may, at its discretion, provide further information or explanation in respect of the invention's relevance to the American National Standard or other ATIS Deliverable identified in Section C.

**F. SIGNATURE**

Name of Authorized Person (type or print legibly):	Joseph M. Sommer
Signature of Authorized Person:	
Title:	<del>Assistant</del> Vice President - Patent Licensing
Date:	October 10, 2014

For more information regarding ATIS' patent policy, please see Section 10.4 of the ATIS Operating Procedures (Version 5.1), which is available online at [www.atis.org/op.pdf](http://www.atis.org/op.pdf).

Please return via mail, email (scanned with signature), or fax to:

General Counsel

ATIS

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Washington, D.C. 20005 USA

Fax: +1 (888) 874-0973

Email: [patents@atis.org](mailto:patents@atis.org)